

MS/MS Parameters of Pesticides

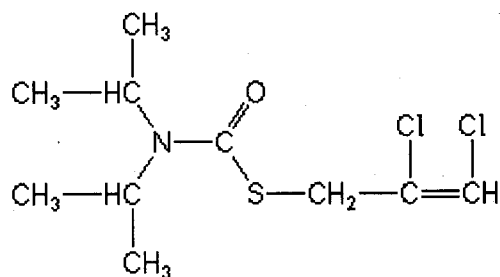
Analyte: Di-allate

CAS No.: 2303-16-4

Formula: C₁₀H₁₇Cl₂NOS

Molecular mass (lowest isotopes): 269,04 amu

Structure:



Ionisation: ESI +

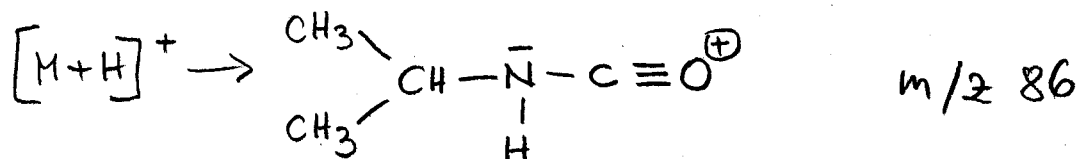
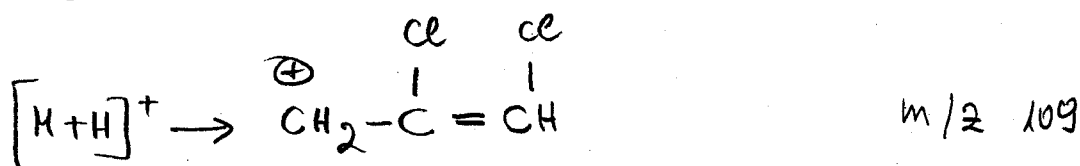
Quasimolecular ion: 270,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	270,0 → 86,1	270,0 → 108,8
Declustering potential (DP) ^{*)}	36 V	36 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	18 V	16 V
Collision energy (CE)	23 V	37 V
Collision cell exit potential (CXP)	4 V	6 V

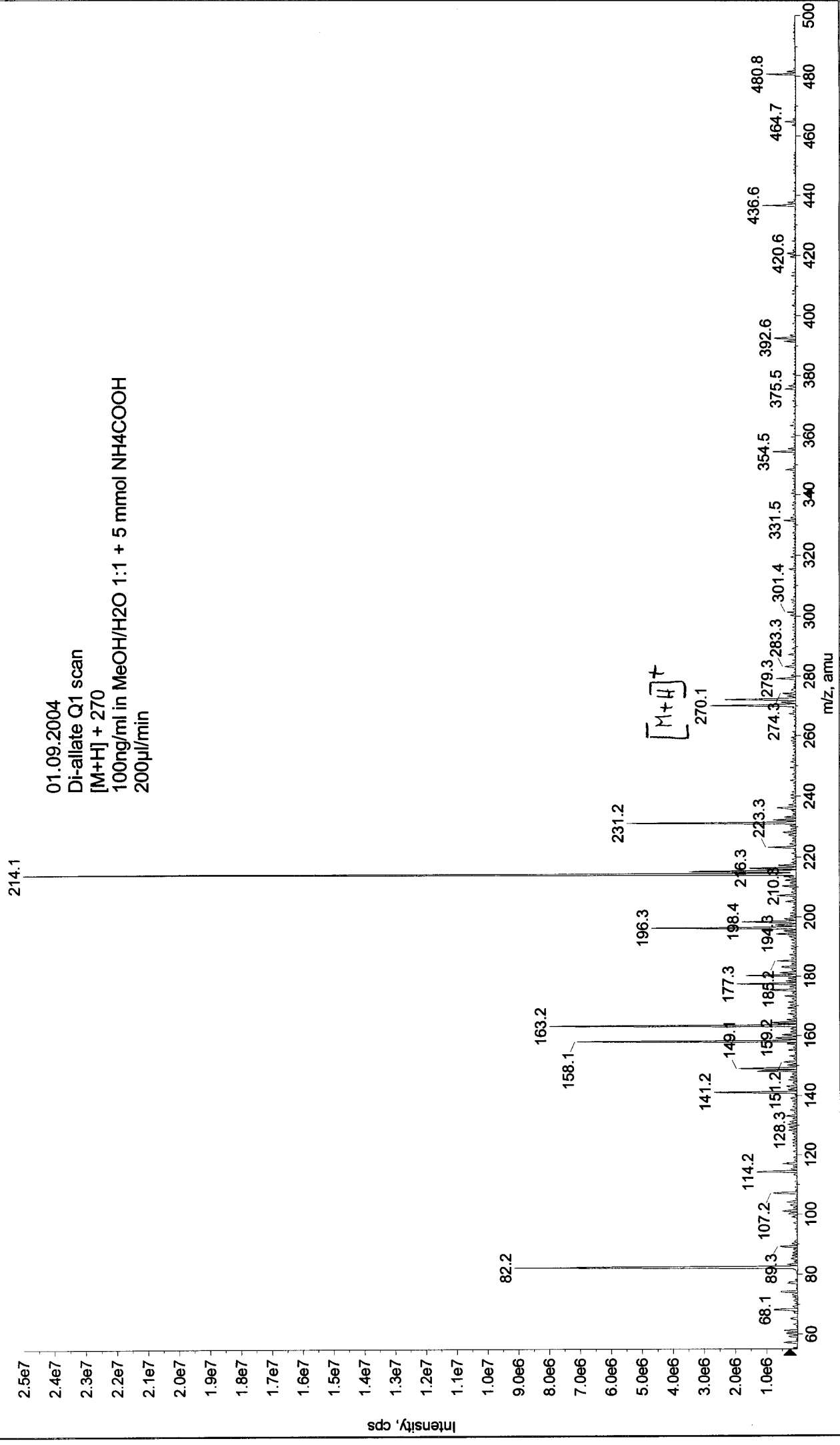
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



Max. 2.5e7 cps

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040901102039.wiff (Turbo Spray)



Max. 1.8e5 cps

+MS2 (270.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040901102213.wiff (Turbo Spray)

